

042605

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE
(REV. 12-2004)

ATTORNEY'S DOCKET NUMBER

02-985-B

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (if known, see 37 CFR 1.5)

10/532745

INTERNATIONAL APPLICATION NO.
PCT/US2003/033730INTERNATIONAL FILING DATE
24 October 2003 (24.10.03)PRIORITY DATE CLAIMED
29 October 2002 (29.10.02)

TITLE OF INVENTION

NOVEL COMBINATION THERAPY FOR SCHIZOPHRENIA FOCUSED ON IMPROVED COGNITION: 5-HT-2A/D2
BLOCKADE WITH ADJUNCTIVE BLOCKADE OF PREFRONTAL DA REUPTAKE

APPLICANT(S) FOR DO/EO/US

Graham V. WILLIAMS AND Stacy A. CASTNER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

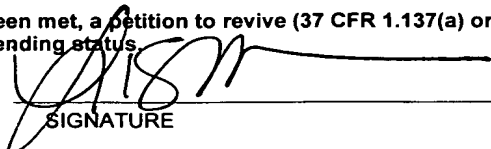
1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☐ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
 - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
 - b. ☒ has been communicated by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
 - a. ☐ is attached hereto.
 - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
 - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
 - b. ☐ have been communicated by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☐ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to 23 below concern document(s) or information included:

13. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☐ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☐ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 565818089 US
23. ☒ Other items or information:

Application Data Sheet, Filing Fee Check and Return Receipt Postcard

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) 10/532745		INTERNATIONAL APPLICATION NO. PCT/US2003/033730		ATTORNEY'S DOCKET NUMBER 02-985-B	
24. The following fees are submitted:				Applicant use	Office use
<input checked="" type="checkbox"/> a) Basic national fee \$300.00				\$	\$300.00
<input checked="" type="checkbox"/> b) Examination fee \$200.00				\$	\$200.00
<input checked="" type="checkbox"/> c) Search fee \$500.00				\$	\$500.00
TOTAL OF ABOVE CALCULATIONS = \$1000.00				\$	\$1,000.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing or computer program listing filed in an electronic medium). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.					
Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof (round up to a whole)	RATE		
18 - 100 =	-82 /50 =	-1	x \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing the oath or declaration later than months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE		
Total claims	21 - 20 =	1	x \$50.00	\$	\$50.00
Independent claims	3 - 3 =	0	x \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> + \$360.00				\$	\$0.00
TOTAL OF ABOVE CALCULATIONS =				\$	\$1,050.00
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				\$	\$525.00
SUBTOTAL =				\$	\$525.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	\$0.00
TOTAL NATIONAL FEE =				\$	\$525.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property +				\$	\$0.00
TOTAL FEES ENCLOSED =				\$	\$525.00
Amount to be refunded:					\$
Amount to be charged:					\$
a. <input checked="" type="checkbox"/> A check in the amount of \$ \$525.00 to cover the above fees is enclosed. b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of _____ to cover the above fees. A duplicate copy of this sheet is c. <input checked="" type="checkbox"/> The Director is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-2490 . A duplicate copy of this sheet is enclosed. d. <input type="checkbox"/> Fees are to be charged to a credit card. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.					
NOTE: Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.					
SEND ALL CORRESPONDENCE TO:					
Lisa M.W. Hillman McDonnell Boehnen Hulbert & Berghoff LLP 300 South Wacker Drive Suite 3100 Chicago, IL 60606				SIGNATURE  Lisa M.W. Hillman NAME 43,673 REGISTRATION NUMBER	

02-985-B

**TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
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BLOCKADE WITH ADJUNCTIVE BLOCKADE OF PREFRONTAL DA REUPTAKE**


APPLICANT(S) FOR DO/EO/US

Abraham V. WILLIAMS AND Stacy A. CASTNER

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.

THE FACE OF THIS CHECK IS PRINTED BLUE - THE BACK CONTAINS A SIMULATED WATERMARK

bhb McDonnell Boehnen Hulbert & Berghoff LLP 300 South Wacker Drive Chicago, Illinois 60606-6709 www.mbhbb.com		NATIONAL CITY BANK OF MICHIGAN/ILLINOIS 702189/719		N ^o 083355
CHECK NO. 83355		CHECK DATE 04/25/2005		VENDOR NO. AS0405
FIVE HUNDRED TWENTY-FIVE AND 00/100 Dollars		CHECK AMOUNT \$*** ** 525.00		
U.S. Patent & Trademark Office				
				

⑈083355⑈ ⑆071921891⑆ 978816144⑈

Article 36 (35 U.S.C. 371 (c)(5)).

11. ☐ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
 12. ☒ A copy of the International Search Report (PCT/ISA/210).

Items 13 to

13. ☐ An
 14. ☐ An Commissioner of Serial No. N/A
 15. ☐ A Patents and Trademarks
 16. ☐ A Re: Applicant - Williams et al. Case No. 02-985-B
 17. ☐ A Novel Combination Therapy for Schizophrenia Focused on Improved Cognition: 5-HT-2A/D2
 18. ☐ A Blockade with Adjunctive Blockade of Prefrontal Da Reuptake
 19. ☐ A Sir:
 20. ☐ A Please place the Patent Office receipt stamp hereon and mail to acknowledge receipt of:
 21. ☐ A Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) (in duplicate);
 22. ☒ A Copy of International Publication No. WO 04/039322 A2 (18 sheets);
 23. ☒ Exp Application data Sheet (3 sheets); Copy of International Search Report (5 sheets); Check for \$400.00 and
 24. ☒ Oth Return Receipt Postcard.

Fee Enclosed
\$ 400.00

Date Mailed: April 26 2005

Respectfully,
McDonnell Boehnen Hulbert & Berghoff LLP
Attorney for Applicants

\$ 525.00 (14)

JC02 Rec'd PCT/PTC 26 APR 2005